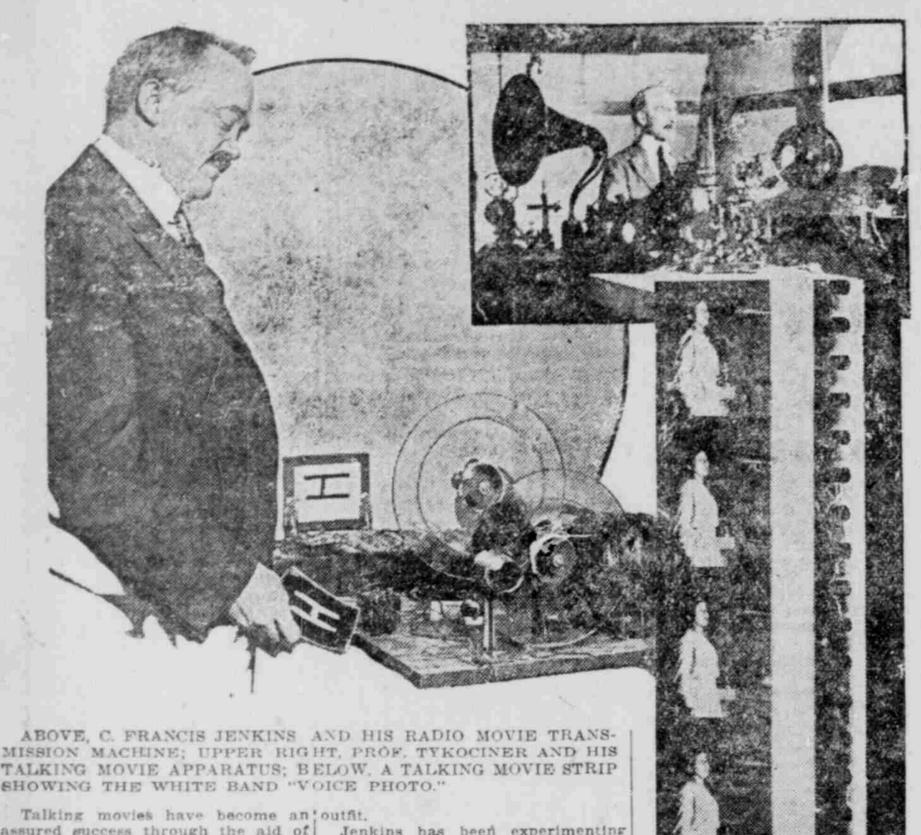
## Talking Movies by Radio



SHOWING THE WHITE BAND "VOICE PHOTO."

The little vacuum tube, which ous stages of motion picture exhibi sends, and detects sound sailing tion. About a year ago, he con through the ether, is the means by ceived the radio movie transmission which inventors have been able to problem. He holds the Elliott Cresco-ordinate action and speech on the son gold medal, presented by the silver screen. The man who had an Franklin Institute of America, for important part in the perfection of his efforts in this direction.

He is Dr. Lee De Forest of New sound and sight on a film, than York, who is prepared to exhibit their transmission by radio. He also With him, however, in this en- praphs the object and the sound a have been other inventors. Most of film. It is equipped with a merfamous among them have been C. cury arc of special construction. Francis Jenkins of Washington, D. | The intensity of light varies with C., and Prof. Joseph T. Tykociner of the speech of the actor. It is fo the University of Illinois.

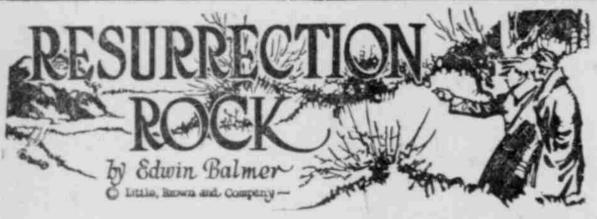
nated into the ultimate invention of the film. In this manner every ac tral broadcasting station just as are and action. concerts, into the homes of those who own a radio movie receiving of Jenkins and the talking idea of

De Forest has been able to complete

to produce a talking film the same time and on the same strip

cused upon the moving film by These two inventors have already sound record is a narrow band, produced instruments the principles varying transparency. running of which seem to have been co-ordi- alongside the photographed scene on De Forest. The Jenkins apparatus tion and every sound are reproduced is said to be based on the principle side by side, the action taking up of transmission of pictures by wire- three-fourths of the celluloid, and informed Wheedon; that was the ess. According to the inventor, mo- the sound picture the rest. This extent of the explanation he made. les may be transmitted from a cen- guarantees synchronism of sound He was going home to Chicago on

With the radio transmission idea



ETHEL CAREW, goes to the un- waver in her sight. She cried out the other man, was coming back proof that a body has been hidden she said it under the ice of Lake Huron. and relentless grandfather.

France. These messages instructed and-"

up his obscure parentage. Lucas Cullen had been guilty of him.

Ethel could not answer him for "Yes," she said. "Yes." the suffocation in her breast; mus- "What?" her grandfather threat- traction to Ethel. Cousin Agnes cles seemed to be tugging tight all ened. "What? You think you will first came to Chicago as a girl, she through her.

away with! Killed!" she cried. | was not feeling contempt, Ethel saw no one-not even the many newspa-"Hey? You saw him dead?" "No: but--"

trelle, you said. I had him do it! for you." ibat ""

him do it-killed your Barney Lou- said. trelle, you believe?" "Yes!"

down at her and laughing. "I must have Miss Platt hear hind them.

you," he said, when he was through As briefly as possible, she told ship old John's stock implied.

"Mr. Barney Loutrelle, will you step | Lust night Bagley served a good with Agnes childless.

-In here!" He was not dead! She opened wandered about the Rock while Lucas, Senior, had safely locked

her eyes to see him in the doorway; grandfather sent Horror stricken by her fear that he entered and came toward her, again, and grandfather waited in occupied house on mysterious and -or whispered -- something in reply from the Rock to his house." ghostly Resurrection Rock and to the words he was saying. She "What are we in, you and I?" she finds there evidence of crime and knew neither what she said nor how asked, suddenly shivering,

At once she suspects that her grim her, saying something; and Miss cused himself. "You know I'd no Platt was addressing her; but Ethel idea what it would do to you, or I'd LUCAS CULLEN, SENIOR, has had heeded neither of them.

fear when he learned that Lou- I though they had killed you." Michigan woods to go to the Rock, dared," he told her. "I came here ley's back there; and Marcellus

Ethel and Loutrelle were drawn just to see you. They told me you Clarke has his office there."

him to proceed to Resurrection Rock | Her grandfather interrupted them, him, if he can help it." -a trip which he hoped would clear loudly; he ordered her to go at once :

to her room; but she disregarded! As the train bore Ethel away from violent crimes in early days and fear | "Leave her alone!" Barney Lou- Loutrelle, the girl debated in her was driving him to violence. Ethel trelle broke in. "Leave her alone!" mind the task which confronted her furiously accuses her grandfather he repeated, putting himself tetween on her arrival and vaguely wished her and her grandfather. "She has that cousin Agnes, Mrs. Oliver Cul-

MINCHELOE to shoot Loutrelle. something to say to me; and I have ler, as she sad been known in Chi-GO ON WITH THE STORY. much to tell her. I came to see her, cago society before her tragic dis-Oh. I had Koncheloe do some- You can give us this room, or we will appearance from the torpedoed Galthing out there, did 1?" Lucas de- go out; won't we, Miss Carew?" he lantic, were alive to aid her.

go with this-this-" he stopped told those who asked her. Previous-"Barney Loutrelle's been made with a snort of contempt. But he ly she had lived in a small town and

as she watched him. "I can forgive your imbecility and that. "Have you enough shame left to madness. God helping me, I can for- It was plain that, not long before realize what you have just been say give my child's child even what she her employment in the Cullen offices, ing to me?" he assailed her, raising has said to me this day. But dis- she had passed through some exhis hand clenched but for his huge obey me again and I shall never for- traordinary experience which had forefinger with which he threatened give you. Now go; go to your room tremendously snapped her vitality. her. 'Kinchelee has killed your and go to your knees, and later. She had endured some frightful or-

Eh? Say to me, do you mean; She gazed only an instant longer Many men offered themselves to at her grandfather before looking take up her battle for her. But only up at the friend at her side. "Eh? So Kincheloe-and I had "I am ready to go with you," she attempt, succeeded in offering him-

CHAPTER VIII.

laughing. "And your grandmother." Barney what followed her arrival at Lucas fought and blustered; but He stepped to the door and, opening St. Floretin and she received in Oliver asserted the control; or. it, called first for Miss Platt and return full report from Barney. rather, Agnes did. For Lucas and He had stopped at Wheedon's in his sons did not remain long in doubt "Now we will all hear your the afternoon, and there had learned regarding the force with which they opinions," her grandfather said; and that the man named Bagley had had to deal; nor did outsiders rebefore the others, he made her ac- arrived a day earlier and exhibited main ignorant. cuse Kinchelos and himself again, a letter from Marcellus Clarke which | So they grinned and bore it while Then he went once more to the door, authorized him to obtain the keys they watched Oliver gradually sink

Bagley was still clearing up in the lining room. Barney came indoors and was trying again to read when Miss Fuzzy Wuzzy with a smile. in the bushes and out came the famous fans of Valencia are paid e heard a shot in the direction of

hought he also heard cries. He went ashore and wandered about for early an hour before returning to ind the Rock dark and the house hut. After trying to arouse Bagy, he went ashore once more to and that Bagley already had arrived at Wheedon's and was determined to

He had had "enough" he explained to Barney as he previously had the earliest train

"I thought they had killed you," you had followed him to Whee-

"Yes: I think that's pretty clear." Barney agreed. "But who was he?" "My grandfather knows, of "That telegram from my uncle

speaking to her. Everything wav- his house with his rifle loaded. He

He put his hands steadingly upon Her grandfather was grabbling at her arm. "I got you into it," he ac-

turned back vesterday.' the murder committed. Old Cullen "I thought you were dead!" she "I think there's surely something had been filled with anger and was explaining to him. "You see, to be found out in Chicago," Barney trelle had entered these northern | "I came to find you as early as I nation to go there at once. "Baz-

ogether by close mutual interests, would be down soon. I had no idea | "And my uncle Lucas is theremessages from Ethel's "I went to the Rock for you, You gram last night warning grandather, who had been killed in see, I thought they had hurt you father. But of course, he'll be with grandfather: I'll learn nothing from

Resurrection Rock and from Barney

About Agnes there had been something of a mystery as well as an atper interviewers-got farther than

time friend on the train, Barney Lou- when you are yourself. I shall send deal which temporarily had downed her but had not beaten her.

Oliver Cullen, after his fifth or sixth self aright.

John died and Oliver "the damned She crossed the threshold, which weakling" and his upstart wife, who He jerked his wrist out of her her grandfather had forbidden her, had been a stenographer, claimed grasp and stepped . back, looking and went to the front door. Barney from Lucas and his stronger, far followed and closed the door be- more able sons, the control of the Cullen corporations which owner-

"Lieutenant Loutrelle!" he called to the house on Resurrection Rock. into invalidism and year follow year

supper, and afterward Barney There was an old contract, which

away, by which he and his brother "Then what are you so often pick- "Ah, ha! Ah, ho!" barked the Fox. had bound themselves that in the ing up?" asked Uncle Wiggily. "This time you shall not get away. event of either of them or their "Four-leaf clovers," answered the Uncle Wiggily! I'll nibble your sons dying without issue, the hold- muskrat lady. "There are more than cars!" ings of the deceased would pass to I have ever seen before in this field." "Not if I can help lt!" cried the the survivor.

for Agnes, who had gone heart and with four leaves." scul into the work, salled aboard a "Ah, that's just it!" laughed pitter-patter of the bad chap's toeship which was torpedoed; and she Nurse Jane. "It isn't every one who nails on the dried leaves and grass

eighteenth; and on the twenty-sec- mon, but those with four are very safely home with Nurse Jane's pick-

passed on in the most annoying way shoe." possible. Though it was obvious "Hum!" said Uncle Wiggily. "Of able to see ever in his life-A Fourthat she had drowned, yet no one course I don't believe that, but I Leaf Clover! actually had seen her drown.

her home remained open. Mrs. is no such thing as luck. Nurse "It may give me good luck." Uncle Wain, her housekeeper, and her ser- Jane." vants were at the house, which they "Well, really, I suppose there four-leaf clover, And the Fox was were keeping in order as though isn't," agreed the muskrat lady, "But so close behind him that when the Mrs. Oliver Cullen were away merely it is a nice thought to have-that bunny stopped the Fox bumped into

was greeted by the housekeeper. (To be Continued in Our Monday

## Uncle Wiggily

field owned by Mr. Chuck, the rare clovers." groundhog gentleman. I have told "Very well, you may go to the you stories about Woodle and Wad- store for me and bring me a box of die Chuck, so I think you may re- pepper," said the muskrat lady, "1 member these woodchuck boys. Every now and then Uncle Wiggily afternoon." then the muskrat lady would stoop the fields and through the woods, on! Bend any

"There, I've found another!" "Nurse Jane must have broken or you'll sneeze, Uncle Wiggily," lutely nothing about. his own radio talking movie film. His her string of beads, and be finding warned the monkey doodle gentle- chines are offered in a great range ontribution is the vacuum tube. them one by one," said Uncle Wig- man at the grocery store, With the help of this audion ampli- gily to himself. Then, being a kind "I'll be careful," promised Mr. See Dave today. Superior Motor fier and of selenium photo electric rabbit gentleman, he gave his pink Longears. Homeward on his way he Sales company, South Michigan st. ells, the voice is reconstructed at nose a twinkle, to awaken a little horped, carrying the pepper, "I'll go Main 145. fly who was sleeping on it, and over through a clover field and see if your lost beads, Janie." he said.

'But I haven't lost any beads."

"I don't see any," said Uncle Wig- bunny, and away he hopped as fast In September, 1918, those condi- gily, looking at the clovers, "I see as the wind. But the Fox came after tions seemed completely fulfilled: many with three leaves, but none him, drawing nearer and nearer, un-

can see clovers with four leaves, of the field, The news reached Oliver on the The three-leaf ones are very com- "Oh, I must get away! I must get rare and scarce. That's why it is said ling pepper!" panted Uncle Wiggily. But Agnes, as though to torment to be very lucky to find a four-leaf The Fox was close behind him. Sud-Lucas even after her death, had clover-just like picking up a horse- dealy, just ahead of him, Uncle Wig-

should like to find a four-leaf clov- "Oh, I must stop and pick that, Since she was not legally dead, er just the same. You know there Fox or no Fox," thought the bunny.

a four-leaf clover, so different from him, turned a somersault head over It was to cousin Agnez' home that the three-leaf ones, may bring you heels and came down on his nose. Ethel went after an unsuccessful luck. And if you have happy, jolly And just then the box of pepper fell attempt to discover any knowledge thoughts. Uncle Wiggily, even if they out of Uncle Wiggily's pocket, the are only about clovers, it seems to cover came off, the box tum-Marcellus Clark, she learned, was make the day brighter. And when bled over and over quite a way from in Europe and no one at his office you think the day is bright, even the bunny, and the pepper, spilled could disclose information of Bag- though it may be cloudy and rainy, our close to the Fox. ley or the reasons why the frighten- everything seems more pleasant." "Ker-choo! Ker-choo! Ker-snited steward had been sent to the "There is something in that," ad- zio!" sneezed the Fox, and he

is that way, one person will find gily, holding his paw over his nos may look in the same green clump per and hurried home with it. and see not one, though many may "Nurse Jane!" he cried. "I found be there. It is just a matter of eye- a four-leaf clover and it surely

am going to make pickled beets this! Stealing automobiles has come to

into the field hopped Mr. Longears, can not find at least one with four "I have come to help you pick up leaves." said the bunny to himself, two inches in passing from fresh Through the field he hopped when, water to salt. "That is very nice of you," spoke all of a sudden, there was a rustling

til Uncle Wiggily could hear the

gily saw what he had never been

Wiggily stopped short to pick the

lonesome house on Resurrection mitted the bunny. "I must try to sneezeed so hard that he turned anfind a four-leaf clover so I'll be other somersault, flipped up into a But a shock awaited her when lucky." But however he looked and tree, where he was caught on the she entered her cousin's home and looked and looked, not one could be branches and he couldn't scramble find, though Nurse Jane picked down for a long time. And before them up right and left. Sometimes it the Fox could get down Uncle Wigmany four-leaf clovers and another picked up what was left of the pep-

brought me good luck! Hurray! Hur-

lucky day," sald Uncle Wigglly at | And so everything ended happily, Uncle Wiggily sat on the porch of last, when he could pick no four-land the pickled beets were very his hollow stump bungalow. Nurse leaf clover, "However, I shall not let good. So if the lead pencil doesn't Jane Fuzzy Wuzzy, his muskrat lady that worry me. Let me do something forget to put its rubber on when it housekeeper, was walking through for you. Nurse Jane I may get an goes walking with the fountain pen the field across the path. It was a adventure out of it, even if I find no you shall hear next about Uncle Wiggily's corn roast. (Copyright, 1922.)

SAVED FROM STEALING.

be a common thing, but there is no saw Nurse Jane walk more slowly. Off hopped Uncle Wiggily, over necessity for stealing them in South over as if looking for something. his way to the store to get the has a group of good used cars, that "Be careful not to spill any of the is cheaper to buy them than to pepper, so that it flies up your hose, steal others that you know abso-

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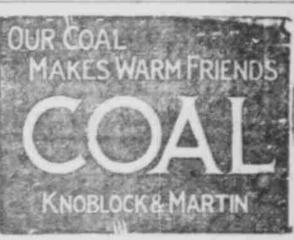






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I knew him when he was a boy" What one is there of us that has not felt the glow of satisfaction over the outstanding success of a life-long friend! Often a surprise-seemingly "all of a sudden." Yet neither surprising nor sudden, when you stop to think back over each step of his progress. HE United States Rubber Company - makers of U. S. Royal Cords-were first to conceive, make and announce the balanced tire. (A balanced tire is one which from bead to bead has no "weakest link." A tire in which there is such complete unity of action in tread and carcass that neither will give way before the other.) The makers of U.S. Tires were first to conceive, make and announce a complete line of tires. (This gave to the dealer and car-owner something that never existed before—a tire for every need of price and use under one standard of quality.) The makers of U.S. Tires were first to have the courage to tell the public about the good and bad in tire-retailing. (You remember the phrase "Go to a legitimate dealer and get a legitimate tire." People can no longer take the indifferent stand that "discounts," "inside terms" and "dickers" are a necessary evil in the tire business.) The makers of U.S. Tires were first to arouse industrial and trade minds to the need of a new kind of tire competition. (Competition for better and better values. Greater and greater public confidence. The job is still unfinished but present events predict final returns of public benefit.) CTILL other high spots along the U. S. Tire road to leadership may appeal to you as even more important. These instances alone at least indicate the intent back of Royal Cords—the will to win by the quality route in a price market. Now that so many car-owners have given their verdict for quality tires in general, and U. S. Tires in particular-a number of dealers and carowners whose vision has been clouded by "discounts," "sales," "terms" and what not, are beginning to remember that they "knew him when he was a boy." United States Tires are Good Tires Copyright 1922 U. 8. Tire Co. U. S. Royal Cord Tires United States Rubber Company Tire Branch, 130 E. Jefferson Boulevard